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Attorney Docket No.: 020130-000111US

PATENT

1652\$

On March 17, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: 
Aaron Hokamura

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WANG et al.

Application No.: 09/870,353

Filed: May 30, 2001

For: IMPROVED NUCLEIC ACID
MODIFYING ENZYMES

Examiner: Richard Hutson

Art Unit: 1652

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. Also enclosed is a copy of the Supplementary Partial European Search Report issued in the corresponding European application. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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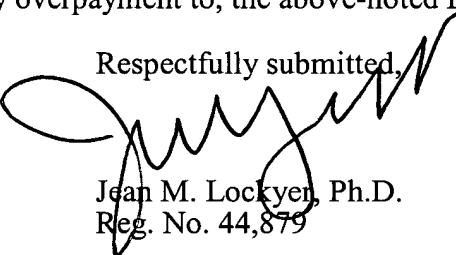
representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Document "CA" on the attached PTO/SB/08 is not in the English language. Document "CA" (DE 19840771) is categorized as an "X" document on the attached Search Report. An English language translation of the document as well as the abstract is enclosed for the Examiner's consideration.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

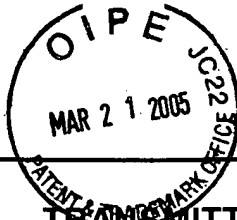
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Jean M. Lockyer, Ph.D.
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PTO/SB/21 (09-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/870,353
Filing Date	May 30, 2001
First Named Inventor	Wang, Yan
Art Unit	1652
Examiner Name	Richard Hutson
Attorney Docket Number	020130-000111US

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
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Copy of Supplementary Partial European Search Report; and
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Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Jean M. Lockyer, Ph.D.		
Date	March 17, 2005	Reg. No.	44,879

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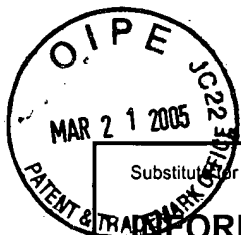
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Typed or printed name

Aaron Hokamura

Date

March 17, 2005



Substitute for form 1449A&B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/870,353		
		Filing Date	May 30, 2001		
		First Named Inventor	Wang, Yan		
		Art Unit	1652		
		Examiner Name	Richard Hutson		
Sheet	1	of	1	Attorney Docket Number	020130-000111US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	CA	DE	198 40 771	A1	02/10/2000	Lion Bioscience AG		<input checked="" type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CB	ROBINSON, Howard <i>et al.</i> ; "The hyperthermophile chromosomal protein Sac7d sharply kinks DNA"; <u>Nature</u> ; March 12, 1998; pp. 202-205; Vol. 392; Macmillan Publishers Ltd	
	CC	WANG, Yan <i>et al.</i> ; "A novel strategy to engineer DNA polymerases for enhanced processivity and improved performance <i>in vitro</i> "; <u>Nucleic Acids Research</u> ; 2004; pp. 1197-1207; Vol. 32, No. 3; Oxford University Press	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.